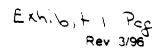
Southwestern Bell Telephone



	ACNA: SBC		CLLI: KSCYMO55	
Sec	tion 3 - Floor Space F	Requirements		
1.	NUMBER OF EQUIP	MENT FRAMES T	O BE INSTALLED:	100
2.	INITIAL FLOOR SPA	CE REQUIRED (ii	n 100 square foot increm	ents): 2,400 sq. ft.
3.	ATTACH PROPOSEI	D LAYOUT FOR S BOTH INITIAL A	SPACE. INCLUDE 7'0" x ND FUTURE GROWTH I	23° POT FRAME IN REQUIREMENTS.
<b>4</b> .	SPECIAL REQUIREMENTS (i.e. No. of parking spaces, restroom access required?, etc) These requirements will be provided where technically feasible. Attach separate sheet if necessary.			
Sec	ction 4 - Technical Eq	quipment Specif	ications	
1.				S: 2,800 amps total req'd for equipment LOAD:AMPS.
3,				400 AMPS. per ) (total of 4,000 am
<b>4</b> . <sup>1</sup>	* SPECIFY AC POWI	ER REQUIREMEN	NTS (NOT TO EXCEED 1	110 VOLTS): end of 3
	UNPROTECTED:	VOLTS:	REQD AMPS:	# OF CKTS:
				# OF CKTS:
	* AC power to be ne			

Exhibit | Page Rev 3:96

(a) Southwestern Bell Telephone

# PHYSICAL COLLOCATION APPLICATION FORM FOR NON-STANDARD ARRANGEMENTS

	ACNA: SBC CLLI: KSCYM055	
Sec	n 4 - Technical Equipment Specifications (continued)	<del></del>
<b>5</b> .	ONE YEAR SERVICE FORECAST - QUANTITY OF DS1: 3,767 DS3: 38	
6.	QUANTITY OF SWBT PROVIDED DSX PANELS IN POT FRAME (optional):	
	DSX1 - (84 CKTS PER PANEL) - PROVIDE: 45 PANELS DSX3 - (24 CKTS PER PANEL) - PROVIDE: 2 PANELS	
<b>7</b> .	SYNCHRONIZATION REQUIRED ?	
8.	ADDITIONAL INFORMATION FOR ARRANGEMENTS OF MORE THAN 400 sq. ft.:	
	Describe the interconnector planned scope of work required from SWBT for this required full floor space program (continue response on separate sheet if needed).:  - List all functions and associated square footage.  - Define all operational and environmental requirements for each function.	iest.

Based on cooperative meetings (when required) between SWBT and the interconnector, after a complete scope of work is provided, a quotation of nonRECURRING and RECURRING rates will be provided by SWBT to the interconnector within 60 days

(a) Southwestern Bell Telephone

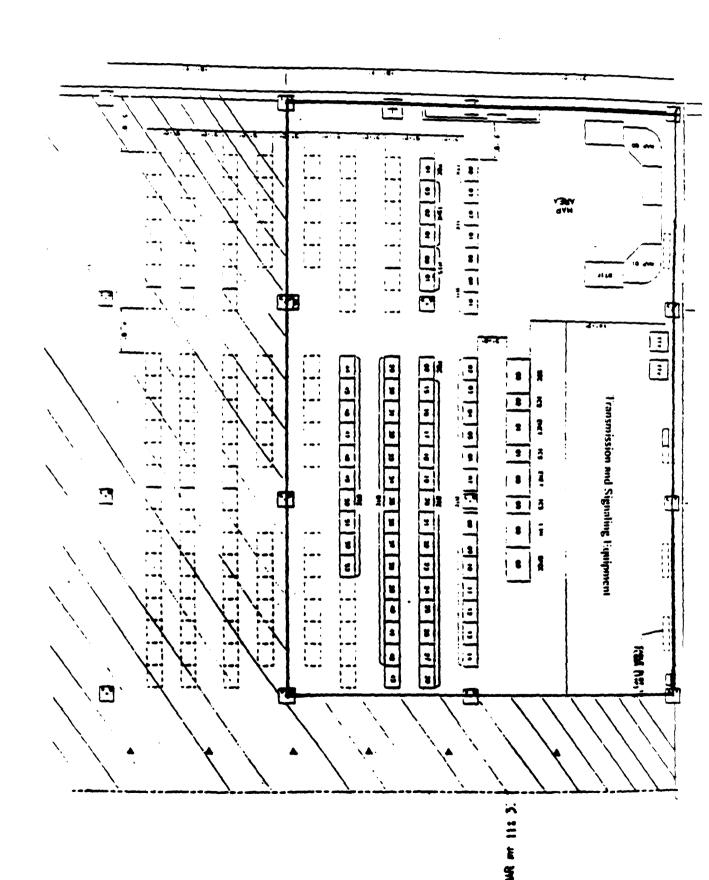
	ACNA: SBC	c	LLI:	KSCYHO55		
Sect	ion 5 - Insurance Informati	<u>on</u>				
1.	ATTACH INSURANCE CER COVERAGE DELINEATED					
Sect	ion 6 - Detailed technical l	nformation:				
1.	Requested space available	date: 06/0	1/96	-		
2.	List all equipment planned t	o be placed on	this applica	ition:		
	GENERIC NAME	# OF BAYS	FLOOR L	OADING	HEAT RELEASE	
	Long Distance Digital Switch (Nortel, Lucent, or DSC)	84				
	3/1 Digital Cross- Connect System (Alcatel or Tella	7 <b>bs</b> )				
	DSX-1 bays	5				
	DSX-3 bay	1				
	Signal Transfer Point (DSC)	2				
	Signal Control Point (DSC)	1				्ट् :।।

	ACNA: SBC CLLI: KSCYMO55
Section	on 7 - OSP Cable Information N/A-Leasing facilities.
1.	IS DIVESE ENTRY REQUESTED ?YESNO
2.	DIRECTIONS FROM WHICH CABLE(S) ORIGINATES? (BE SPECIFIC):
3.	NUMBER OF CABLES TO BE PLACED: SIZE (DIAMETER) :
4.	TYPE OF CABLE (MANUFACTURER'S NAME):
unbro The infully e	E: SWBT OSP Engineering will provide the interconnector contact with the total length of ken dielectric cable to extend from outside the entrance manhole through the collocator space interconnector will leave sufficient cable length outside the entrance manhole to allow SWBT to extend the cable through the vault and into the partitioned space. Excess cable will be brought be partitioned space and left as slack for the interconnector to install to their equipment.
<b>5</b> .	INTERCONNECTOR CONTACT FOR REFERRING CABLE LENGTH INFORMATION:
	NAME: PHONE:
6.	FOR SWBT REFERENCE USE ONLY:
	CABLE(S) TO BE PLACED IN ENTRANCE MANHOLE(S):
	CUSTOM WORK ORDER REQUIRED?YESNO CWO #:
	# FT OF CABLE REQ'D:FT
	# FT OF CABLE REQ'D:FT DATE INFO. PROVIDED CONTACT:
NAM	E: DATE:

•	INTERCONNECTOR: Southwestern Rell	Communications Systems
1,	ADDRESS: 130 E. Travis, Suite 550;	
2.		
3.	CONTACT NAME: Randy Still	
	PHONE #: 214-464-6523	FAX #: 214-464-5576
4.	CLASS OF SERVICE. XPQ	;
<b>5</b> .	CENTRAL OFFICE.	CLLI:
	ADDRESS:	
<b>7</b> .	INTERCONNECTOR BILLING ACCONT NU	IMBER
sw	/BT completion (space ready) days after re	PREPARATION: \$  ceipt of confirmation and 50% of preparation charges.  WBT completion.
SW		eceipt of confirmation and 50% of preparation charges. WBT completion.
SW Inte	reconnector equpment installed days after reached is SWBT provided floor space layout for this reached is FORM ALONG WITH A CHECK FOR 50% CORWARDED TO THE FOLLOWING SOUTHWE	WBT completion.  Iquest.  OF THE PREPARATION CHARGES SHOULD BE STERN BELL ICSC DEPARTMENT:
SW Inte	BT completion (space ready) days after response to equipment installed days after Section is SWBT provided floor space layout for this response to the space layout for the space layout	WBT completion.  Iquest.  OF THE PREPARATION CHARGES SHOULD BE STERN BELL ICSC DEPARTMENT:
Atta TH FO	reconnector equpment installed days after reached is SWBT provided floor space layout for this reached is FORM ALONG WITH A CHECK FOR 50% CORWARDED TO THE FOLLOWING SOUTHWE	WBT completion.  Iquest.  OF THE PREPARATION CHARGES SHOULD BE STERN BELL ICSC DEPARTMENT:
SW Inte	reconnector equpment installed days after resconnector equpment installed days after Seched is SWBT provided floor space layout for this rescaled floor space layout floor space	NOWER CONFIRMATION AND SOME OF PREPARATION CHARGES SHOULD BE STERN BELL ICSC DEPARTMENT:

### PHYSICAL COLLOCATION WORK COMPLETION FORM

INTERCONNECTOR:	ADDRESS.	
CENTRAL OFFICE:		
SWBT INTERCONN. COORD.:		
PHONE #:		
CASE #:		
SWBT COMPLN DATE:	OCCUPANCY	DATE:
SWBT portion of this collocation project has to collocation agreement and the collocation species for occupancy. All associated work is considered to the collocation of this collocation project has to collocation agreement and the collocation species of the collocation of this collocation project has to collocation agreement and the collocation species and the collocation agreement and the collocation species are to collocation agreement and the collocation agreement and the collocation species are to collocation agreement and the collocation agreement ag	scifications approved for this	
EXCEPTIONS TO CONSTRUCTION WORK:		
PREPARATION AND MONTHLY CHARGES AGREEMENT COMMENCE UPON COMPLE		
SOUTHWESTERN BELL TELEPHONE CON NETWORK SALES SUPPORT	<b>IPANY</b>	
NAME (TYPE OR PRINT):		
SIGNATURE:		DATE:
DATE NSS FORWARDED COMPLETION FORM		
NAME:		DATE:



### Southwestern Bell Telephone

SW-4519A (REV. 3/91)

Retention Period - 1 Year

### MEMO PAYMENT

Southwestern Bell Comm	Jvcs
San Antonzo, Tx 78	1205
Advance Port for N196	
toe Physimal Collecto	1
Case # KC\$31596	777°

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406	D CH-SAU D CH-SAU D ZZ-SPEI	AGE ON W	YEAR/WO
AMOUNT PAR			
3 7,3	60.0	0	
	REPOR		6

SOUTHWESTERN BELL COMMUNICATIONS

SERVICES, INC.

175 E HOUSTON

SAN ANTONIO. TX 78305

DATE MArch 14, 1996

FAY

TO THE

ORDER OF SWRT-ICSC \*\*\*

Seven thousand three hundred sixty 6 no/100 \*\*\*

BOATMEN'S

BOATMEN'S

SWR = 11: 29

Official Fie Copy if Fed: Fetertion,

### Southwestern Bell Communications Services

Exhibit 1 Pagaro

March 16, 1996

Randy SUE Director-Planning and Design SWBT-ICSC One Bell Plaza, Rm. 2800 Dallas, TX 75202

11: 53

Per Southwestern Bell Telephone Company's Interconnector's Technical Publication for Non-Standard Physical Collocation, Issue 1, please find enclosed five Non-Standard Physical Collocation Applications. Also, find enclosed five drafts, payable to SWBT, for the required Engineering Design Charges.

Southwestern Bell Communications Services is requesting Non-Standard Physical Collocation for the following locations:

Dallas
Houston
Kansas City
San Antonio
St. Louis
DLLSTXTA
HSTNTYNR
KSCYMO55
SNANTXCA
STLSMO21

Also please note that insurance information requesting in Section 5 of the application is not included because insurance criteria is contained in the asyet-unreleased "Collocation Agreement." This was verified in a call to the SWBT Interconnection Coordination Team on March 15, 1995.

I would like a response within 5 days should any above location be unavailable for our collocation requirements so that an alternate site may be selected.

Your signature and date and time stamp of the enclosed copy of this letter indicates your receipt of the applications.

Janl. Sill

130 E. Trevis Suite 980

**Enclosures** 

Phone 210-362-7260 Fax 210-362-7329

Ray Suish SBCS Inc. One Bell Plaza, Room 1145 Dallas, Texas 75202

Ms. Hope Harbeck Southwestern Bell Telephone Co. One Bell Plaza, Room 522 Dallas, Texas 75202

Ms. Harbeck,

As you requested, attached are addendum to SBCS's requests for non-standard collocation for each switch site to complete our requests. Should you have any questions, please contact me at (214) 464-3168.

Thank you,

Raveuish

### Addendum to SBCS request for Non-Standard Collocation

Date:

May 10, 1996

Location:

SWBT McGee Central Office (KSCYMO55)

1101 McGee

Kansas City, MO 64106

This addendum is intended to complete the request for non-standard collocation by providing the following information on the type of SBCS equipment to be placed.

Equipment Vendor.

Nortel

Equipment Type:

DMS-250 Switch

Date 5-10-96

Ray Sulsh-SBCS Inc.

One Bell Plaza, Room 1145 Dallas, Texas 75202 June 10, 1996

James R. Still Director-Planning & Design

Interexchange Carrier Service Center One Bell Plaza, Room 2800 Dallas, TX 75202

To Whom It May Concern:

Attached is a check for 50% of the Non-Recurring and monthly recurring charge billed to Southwestern Bell Communications Services (SBCS) for central office floor space at Kansas City McGee. Enclosed is a copy of the ocst estimate provied to SBCS.

Check #050217 for the amount of \$469,592.00

Please provided written documentation upon receipt of the check.

Questions may be referred to me.

Sincerely,

17 \$ 6 96 1

Enclosure

130 E. Travis Suite 550 San Artonio, Texas 78205 Exhibit 1 Pega 11

Southwestern Bell Communications Services, Inc.

SOUTHWESTERN BELL TELEFHONE ONE BELL PLAZA SUITE 0522.02 DALLAS, TX 75202

Southwestern Ball Communications Services, Inc

aunt

#050217# 1:0815178971:

**0100081906**₽

80-1786 815

(A) Southwestern Bell Telephone

**SW-**45 **19**A (REV. 3/91)

Retention Period - 1 Year

SW Bell Comm Sycs

130 E TRAVIS SIE 550

San Antonio, Tx 75305

50 To up front payment for

cuse KCD31596007P

KSCY M055HB1

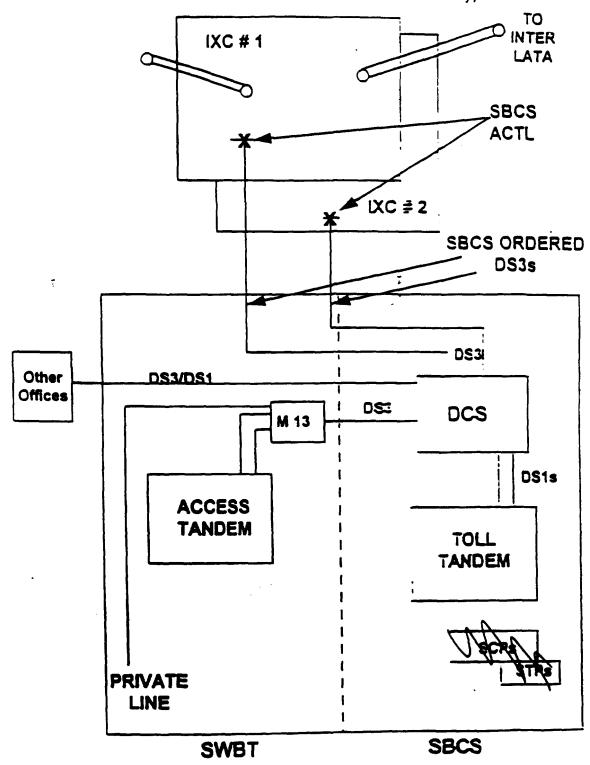
180 406	TELEPHONE OR ACCOUNT NUMBER    O 2 -   D 0 4    O 5 PRINCE ON W/O    O 22-PRION, BLL			
<b>MO</b>				YEAR/WO
· Company			08	2
	TREPOR	) Mare	6	<b>7</b> 00

Plz Apply to Invoice \$65000

Official File Copy, If Fled; Fletention\_\_\_\_\_

### LATAS W/SBCS SWITCH COLLOCATION

(Dallas, Houston, San Antonio, Kansas City)



# (A) Southwestern Bell Telephone

Exhibit

"The One to Call On".

June 5, 1996

Managing Director Technology/Product Development One Ball Center, Room 4204 St. Louis, MO 63101 Mr. Al Ports

Dear Al

of subcontractor expenses would occur and SBCS will be required to pay any additional cost incurred. If the actual costs are less than the estimated costs, costs should SWBT and SBCS be unable to reach a lease agreement. Under the 50% of the popercurring charges quoted need to be submitted to the Dallas ICSC By submitting a check. SBCS would commit itself to reimbursing SWBT for its for the Southwestern Bell Communications Services (SBCS) central office floor space arrangement request at the SWBT Kannes City McGes central office. In the Following are the estimated nonrecurring and monthly recurring charge quotations meutine, if SBCS desires SWBT to begin construction immediately, a check for SWBT will rainburse SBCS appropriately. use agreement being prepared, once construction is completed, a true-up process

McGer.

THE AN COMMEN : NONBECURITING

\$939, 184.00 \$19,838.87

These amounts are subject to any adjustments required by applicable affiliate transaction rules. We expect the form of the lease agreement will be completed shortly and we will provide you with a copy of it.

The estimated interval for the building modifications from receipt of firm order (receipt by SWBT of SBCS' check) is 22 weeks. The estimated interval for the POT frame, etc. is 8 weeks from firm order. SWBT is reviewing these intervals to determine functions that could be overhapped in order to provide the best switch installation start date. Questions regarding this quotation should be referred to see.

Simonty.

Hope Houled

2171 St. SB M.C

314 47 148

70.8 8

6-5-96

CUSTOMER: SOUTHWESTERN BELL COMMUNICATION SERVICES

ACNA: SBC

ī

LOC: KANSAS CITY, MISSOURI MCGEE

CASE #: KC031596007P

INTERCON CLLI:KSCYMO55HB1

ORDER #:N196406

#### COSTS FOR SBCS COLLOCATION IN KANSAS CITY MISSOURI

FOR SBCS PHYSICAL COLLOCATION IN MCGEE C.O.	\$ 219,000.00
COST OF POWER ADDITION	\$ 435,000.00
COST OF POT FRAME	\$ 285,184.00
TOTAL UPFRONT PAYMENT	\$ 939,184.00 - NR
MONTHLY COST FOR POT FRAME	\$ 1,726.95
MONTHLY COST FOR POWER ADDITION	\$ 5,001.92
TOTAL MONTHLY COST	\$ 6,728.87
COLLOCATOR SPACE ANNUAL RENTAL RATE (ASF)	\$ <b>62.44</b>

6728.87 13,110.00 19,838.87

Exhibit 1 Page Rev. 3/96 6-12-96

Section	on 1 - General Information
1	INTERCONNECTOR: Southwestern Bell Communications Services ACNA: SBC
2.	ADDRESS: 130 E. Travis, Suite 550; San Antonio, TX 78205
3.	CONTACT NAME: Randy Still, Director-Planning & Design
	PHONE: 214-464-6523 FAX: 214-464-5576
<b>4</b> .	HAVE READ AND UNDERSTAND SWBT'S COLLOCATION TECHNICAL STANDARDS:
	NAME: Randy Still SIGNATURE: DATE: 3/18/96
<b>5</b> .	COLLOCATION CENTRAL OFFICE: Kansas City HoGee
	CLLI: KSCYHO55 ADDRESS. 1101 McGee
	CITY/STATE: Kansas City, MO 64106
Section	DATE / TIME RECEIVED: 3-15-96 10'40A REVISED 6-12-96 12:10P
1.	NAME J. Mayfield ADDRESS: 1BP Rm 2800 DISTAT
•	PHONE 214 964-1538 FAX: 214 464-167
	CASE # KC 031596007P CLU: KSCYM055HB1
	N 196 100 - 2004
	ned SWBT Interconnection Coordinator:
2.	NAME: Hope Harbeck ADDRESS: 184 Rm 2800 DIS TV 75 PHONE: 814 464-8330 FAX: 814 464-1671
3.	Date FAX sent to SWBT interconnection coordinator: 3-15-94

(a) Southwestern Bell Telephone

Exh.b.+ 1 fge Rev. 5/96

## CENTRAL OFFICE SPACE APPLICATION FORM

	ACNA:	SBC	CLLI: KSCYMO55	*REVISED*
Sect	ion 3 - Floor Space	Requirements		
1.	NUMBER OF EQUI	PMENT FRAMES	TO BE INSTALLED:182	-
2.	INITIAL FLOOR SPA	ACE REQUIRED	(in 100 square foot increments):	3000 - sq . ft.
3.			SPACE. INCLUDE 7'0" x 23" PC AND FUTURE GROWTH REQUI	
4.	SPECIAL REQUIREMENTS (i.e. No. of parking spaces, restroom access required?, etc) These requirements will be provided where technically feasible. Attach separate sheet if necessary.			
Sec	tion 4 - Technical E	quipment Speci	ifications	
1.			GRUND REQUIREMENTS:	
١.			CAPACITY PER LO	AD: <u>400</u> AMPS.
2.			8 VOLT DC POWER:	
3. •			NTS (NOT TO EXCEED 110 VOI	
	UNPROTECTED:	VOLTS:	REQD AMPS: 100 amps	# OF CKTS:
	ESSENTIAL:		REQD AMPS:	
• No	AC power required t	or SBCS equipm	ment	

AC power will be required for center alsle lighting and is to be provided by SWBT.

EXT'P'+ 1 6

Rev 5/96

### CENTRAL OFFICE SPACE APPLICATION FORM

	ACNA:	SBC	CLLI:	KSCYMO55	*REVISED*
Sect	ion 4 - Techn	ical Equipment Spe	cifications (co	ntinued)	
4.	ONE YEAR S	SERVICE FORECAST	- QUANTITY OF	DS1: 168 DS3: _	72
<b>5</b> .	QUANTITY (	F SWBT PROVIDED	DI PANELS AND	MDF TIE PAIRS IN PO	OT FRAME:
	DI-3 - (24 CK	TS PER PANEL) - PI TS PER PANEL) - PI R BLOCKS (100 MDF	ROVIDE:	3 PANELS	BLOCKS
<b>6</b> .	SYNCHRON	IZATION REQUIRED	? <u>X</u> Y	ESNO	
7.	ADDITIONAL	LINFORMATION FOR	ARRANGEMEN	TS OF MORE THAN 40	00 sq. ft.:
	Include full fi - List	interconnector planne oor space program (co all functions and associ ine all operational and	ntinue response ciated square foo	on separate sheet if ned tage.	eded).:
betv	veen frames. [	split evenly between to Diverse cable routing ion by the Telco is als	from the POT fr	nes, with at least six fo ame to the Telco DSX	et of separation line up, along
	(2) DS1 feeds Jested.	from the Telco PRS (	to SBCS's BITS	clock for synchroniza	tion are
req	uests that the	o (2) 400 Amp loads ( l'elco provide the retu o be provided by SBC	ırn ground cabk	e (Integrated Ground)	BDFB. SBCS als for the Ground

Based on cooperative meetings (when required) between SWBT and the applicant, after a <u>complete</u> scope of work is provided, a quotation of PREPARATION and MONTHLY charges will be provided SWBT to the interconnector within 60 days.

© Southwestern Bell Telephone

Exhibit 1 Pg Rev. 5/96

### CENTRAL OFFICE SPACE APPLICATION FORM

	ACNA:	SBC	CLLI:	KSCYN	'R	EVISED.
Sec	tion 5 - Insurance I	nformation				
1. knov	Applicant will be red on and available, insur	quired to provide rance information	proof of insurance	ce as negotia	ated in space agree	ement. If
			may be basimin	e ent i uim oc	<b>ipplication</b>	
	tion 6 - Detailed tec			ec with this a	pplication	
<b>Sec</b>	tion 6 - Detailed ted	chnical Informa	ıtlon:	ed with this a	pplication	
	_	chnical Informa	ntion: 7/1/96		pplication	

Network Element	Proposed Supplier
BITS Clock	Telecom Solutions
Dantel ACU	Dantel
3/1 Digital Cross Connect System (DCS)	Tellabs or Alcatel
Hekimian 6700	Hekimian
Echo Cancellation Units	Tellabs or DSC
D4 Channel Banks	Lucent or Pulsecom
DSX1/DSX3 Panels	ADC or Lucent
Framework & racking	
DMS 250 toll switch	Nortel
MDF	Lucent or ADC

Transport Power Equipment Requirements: BDFB w/ Separate 400 Amp Load A&B	Lucent or Lorsin
CO Ground Bar	Lucent or Lorain
10 kva inverter	Lucent or Lorsin

Note: As shown on page 2, SBCS plans to install a total of approximately 182 frames (bays): 122 switch and 60 transport & miscellaneous.

Heat dissipation and floor loading information is provided on attachments.

POSINE PAX NOTE (6/1	1   pign >
10 Dewn Seamons	From S. FREEMAN
Co./Dept.	Co
Phone #	Phone #
Fax d	Fex 6

**NORTEL DMS 250/300** 

6-12-96 Exh.b.+ 1 Rge 2

Frame or cabinet	Weight	Current (typical)	Power (maximum)		
Central control complex (CCC) (double bay)	1200 lbs.	25 Amps	1720 waits		
Double shelf network (DSNE)		14 Amps	600 watts		
Input/output equipment (3OE)	600 lbs.		1360 walts at 6 ccs 1550 walts at 8 ccs		
Trunk module equipment (TME)	500 lbs.	12 Amps	480 watts		
Power distribution center (PDC)	500 bs.	Varies (up to about 600 Amps	200 watts		
Duel-plane combined core (DPCC)	1600 lbs. fully loaded	88 Amps	3500 watts		
Enhanced network (ENET)	1750 lbs. fully loaded	80 Amps	3200 wetts		
Link peripheral processor/ Link interface unit-7 (LPP/LIU7)	1750 bs.	80 Amps	3200 watts		

### Heat Dissipation

The heat dissipation of the DMS Family switch, averaged over the equipment floor area and over a 24-hour period, does not exceed 80 watts per square foot (861 watts per square meter).

### SBCS Transport Proposed Heat Dissipation (BTU/Bay)

4425	4425	4425	4425	4425	4425	2196	2196	2196	2196	2196	2196
4425	4425	1983	1983	1983	1983	1983	1983	1983	1983	1983	1983
1983	1983	1983	1983	1983	1983	1983	1983	1983	1983	1983	1983
6555	6555	6555	6555	6555	6555	6555	6555	6555	6555	6555	6555
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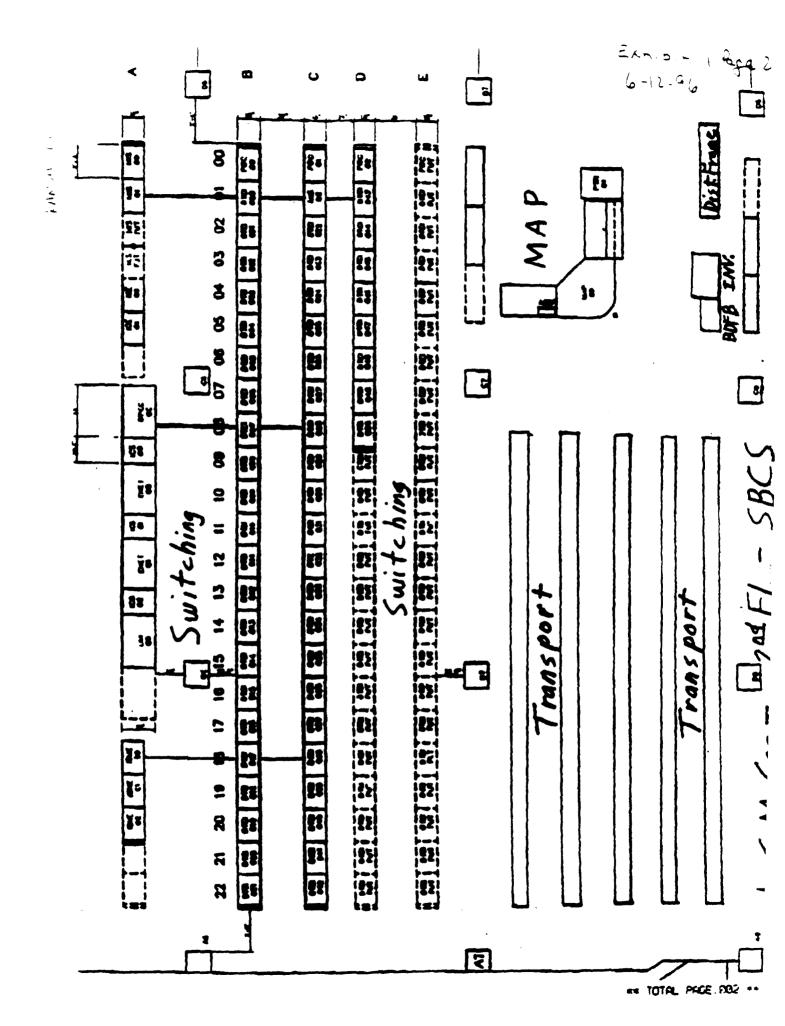


Exhibit , Page :

### HARBECK, HOPE (MM)

From:

RICE, ELIZABETH (MM)

To:

FREEMAN, STEPHANIE (MM); HARBECK, HOPE (MM)

Subject:

LDCOLL.PPT

Date:

Wednesday, May 22, 1996 8:28AM

Stephanie:

Hope:

I have updated the second drawing to be included in the revised collocation application. While everything is not on here, I believe the major interconnect components are represented. If you have any questions please give me a call.

**Beth Rice** 

<<File Attachment: LDCOLL.PPT>>

Page 1

### LATAS W/SBCS SWITCH COLLOCATION

(Dallas, Houston, San Antonio, Kansas City)

